



IPDS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Jong Sik Paek, Jin Seong Kim and Seong Min Seo  
Assignee: Amkor Technology, Inc.  
Title: IMAGE SENSOR PACKAGE COMPRISING INSULATIVE LAYER  
Serial No.: 10/712,839 Filed: November 12, 2003  
Examiner: Howard Weiss Group Art 2814  
Unit:  
Docket No.: GK0005

Monterey, CA  
April 12, 2006

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT  
UNDER §1.97(c) WITH FEE

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant(s) wish to call the following documents (a copy of each foreign document is enclosed) to the attention of the Examiner.

**U.S. PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	NAME
1)	4,491,865	01/01/85	Danna et al.
2)	4,896,217	01/23/90	Miyazawa et al.
3)	4,999,142	03/12/91	Fukushima et al.
4)	5,023,442	06/11/91	Taniguchi et al.
5)	5,068,713	11/26/91	Toda
6)	5,122,861	06/16/92	Tamura et al.
7)	5,220,198	06/15/93	Tsuji
8)	5,274,456	12/28/93	Izumi et al.
9)	5,365,101	11/15/94	Tonai

04/17/2006 FMTETK11 00000040 10712839  
01 FCT1806  
GUNNISON, MCKAY &  
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1900 Garden Road  
Monterey, CA 93940  
(831) 655-0880  
Fax (831) 655-0888

10)	5,383,034	01/17/95	Imamura et al.
11)	5,400,072	03/21/95	Izumi et al.
12)	5,412,229	05/02/95	Kuhara et al.
13)	5,434,682	07/18/95	Imamura et al.
14)	5,436,492	07/25/95	Yamanaka
15)	5,463,229	10/31/95	Takase et al.
16)	5,489,995	02/06/96	Iso et al.
17)	5,523,608	06/04/96	Kitaoka et al.
18)	5,570,204	10/29/96	Kumashiro
19)	5,581,094	12/03/96	Hara et al.
20)	5,604,362	02/18/97	Jedlicka et al.
21)	5,617,131	04/01/97	Murano et al.
22)	5,655,189	08/05/97	Murano
23)	5,672,902	09/30/97	Hatanaka et al.
24)	5,783,815	07/21/98	Ikeda
25)	5,804,827	09/08/98	Akagawa et al.
26)	5,811,799	09/22/98	Wu
27)	5,825,560	10/20/98	Ogura et al.
28)	5,861,654	01/19/99	Johnson
29)	5,902,993	05/11/99	Okushiba et al.
30)	5,932,875	08/03/99	Chung et al.
31)	5,998,878	12/07/99	Johnson
32)	6,011,294	01/04/00	Wetzel
33)	6,020,582	02/01/00	Bawolek et al.
34)	6,072,232	06/06/00	Li et al.
35)	6,122,009	09/19/00	Ueda
36)	6,130,448	10/10/00	Bauer et al.
37)	6,147,389	11/14/00	Stern et al.
38)	6,153,927	11/28/00	Raj et al.
39)	6,184,514	02/06/01	Rezende et al.
40)	6,384,397	05/07/02	Takiar et al.
41)	6,392,703	05/21/02	Uchino et al.
42)	6,498,624	12/24/02	Ogura et al.

43)	6,518,656	02/11/03	Nakayama et al.
44)	6,627,864	09/30/03	Glenn et al.
45)	6,627,872	09/30/03	FuKamura et al.
46)	6,762,796	07/13/04	Nakajoh et al.
47)	6,867,438	03/15/05	Maruyama et al.
48)	2003/0137595	07/24/03	Takachi

#### FOREIGN DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY
1)	GB 2 146 504	04/17/85	Great Britain
2)	JP 59-228755	12/22/84	Japan
3)	JP 62-224047	10/02/87	Japan
4)	JP 09-021938	01/21/97	Japan
5)	JP 09-232548	09/05/97	Japan
6)	JP 10-302587	11/13/98	Japan
7)	WO 00/038103	06/29/00	PCT
8)	WO 03/019660	03/06/03	PCT

A PTO form 1449 listing these documents is enclosed. The relevance of the non-English language documents is set forth in the enclosed English translations or translations of the abstracts.

Citation of the above documents shall not be construed as:

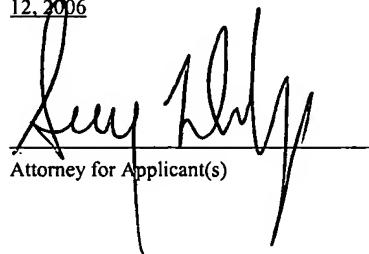
1. an admission that the documents are necessarily prior art with respect to the instant invention;
2. a representation that a search has been made, other than as described above; or
3. an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

Enclosed herewith is a check in the amount of \$180.00 payable to the Director of the United States Patent and Trademark Office, which is the amount for submission of an Information Disclosure Statement given in 37 C.F.R. § 1.17(p).

The Commissioner is hereby authorized to charge any additional fees, which may be required to consider this paper, or credit any overpayment to Deposit Account No. 50-0553.

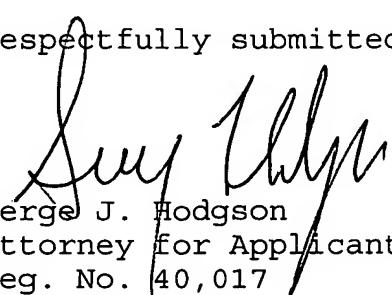
**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on April 12, 2006

  
Attorney for Applicant(s)

April 12, 2006  
Date of Signature

Respectfully submitted,

  
Serge J. Hodgson  
Attorney for Applicant(s)  
Reg. No. 40,017  
(831) 655-0880

Form PTO-1449		Atty Docket No. GK0005	Serial No. 10/712,839
0.5 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>		Applicant(s) Jong Sik Paek et al.	
		Filing Date November 12, 2003	Group 2814

APR 14 2006  
PATENT & TRADEMARK OFFICE  
MAILED

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,491,865	01/01/85	Danna et al.	358	98	
	AB	4,896,217	01/23/90	Miyazawa et al.	358	213.11	
	AC	4,999,142	03/12/91	Fukushima et al.	264	1.7	
	AD	5,023,442	06/11/91	Taniguchi et al.	250	208.1	
	AE	5,068,713	11/26/91	Toda	357	72	
	AF	5,122,861	06/16/92	Tamura et al.	357	74	
	AG	5,220,198	06/15/93	Tsuji	257	731	
	AH	5,274,456	12/28/93	Izumi et al.	358	209	
	AI	5,365,101	11/15/94	Tonai	257	434	
	AJ	5,383,034	01/17/95	Imamura et al.	358	474	
	AK	5,400,072	03/21/95	Izumi et al.	348	335	
	AL	5,412,229	05/02/95	Kuhara et al.	257	183	
	AM	5,434,682	07/18/95	Imamura et al.	358	474	
	AN	5,436,492	07/25/95	Yamanaka	257	433	
	AO	5,463,229	10/31/95	Takase et al.	257	59	
	AP	5,489,995	02/06/96	Iso et al.	358	483	
	AQ	5,523,608	06/04/96	Kitaoka et al.	257	433	

## FOREIGN PATENT DOCUMENTS

## Translation

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
	AR	GB 2 146 504	04/17/85	Great Britain				x
	AS	JP 59-228755	12/22/84	Japan			abst	
	AT	JP 62-224047	10/02/87	Japan			abst	
	AU	JP 09-021938	01/21/97	Japan			x	
	AV	JP 09-232548	09/05/97	Japan			x	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AW	
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Examiner Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

<b>Form PTO-1449</b> <b>INFORMATION DISCLOSURE CITATION</b> <b>IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>				Atty Docket No. GK0005		Serial No. 10/712,839		
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<b>U. S. PATENT DOCUMENTS</b>								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	AA	5,570,204	10/29/96	Kumashiro	358	471		
	AB	5,581,094	12/03/96	Hara et al.	257	80		
	AC	5,604,362	02/18/97	Jedlicka et al.	257	233		
	AD	5,617,131	04/01/97	Murano et al.	347	233		
	AE	5,655,189	08/05/97	Murano	399	220		
	AF	5,672,902	09/30/97	Hatanaka et al.	257	431		
	AG	5,783,815	07/21/98	Ikeda	250	208.1		
	AH	5,804,827	09/08/98	Akagawa et al.	250	370.06		
	AI	5,811,799	09/22/98	Wu	250	239		
	AJ	5,825,560	10/20/98	Ogura et al.	359	822		
	AK	5,861,654	01/19/99	Johnson	257	433		
	AL	5,902,993	05/11/99	Okushiba et al.	250	208.1		
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	AN	5,998,878	12/07/99	Johnson	257	797		
	AO	6,011,294	01/04/00	Wetzel	257	434		
	AP	6,020,582	02/01/00	Bawolek et al.	250	208.1		
	AQ	6,072,232	06/06/00	Li et al.	257	680		
<b>FOREIGN PATENT DOCUMENTS</b>								
							<b>Translation</b>	
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
	AR	JP 10-302587	11/13/98	Japan			X	
	AS	WO 00/038103	06/29/00	PCT				X
	AT	WO 03/019660	03/06/03	PCT				X
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
	AU							
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	AA	6,122,009	09/19/00	Ueda	348	335	
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	AC	6,147,389	11/14/00	Stern et al.	257	434	
	AD	6,153,927	11/28/00	Raj et al.	257	680	
	AE	6,184,514	02/06/01	Rezende et al.	250	208.1	
	AF	6,384,397	05/07/02	Takiar et al.	250	208.1	
	AG	6,392,703	05/21/02	Uchino et al.	348	373	
	AH	6,498,624	12/24/02	Ogura et al.	348	335	
	AI	6,518,656	02/11/03	Nakayama et al.	257	680	
	AJ	6,627,864	09/30/03	Glenn et al.	250	208.1	
	AK	6,627,872	09/30/03	FuKamura et al.	250	239	
	AL	6,762,796	07/13/04	Nakajoh et al.	348	340	
	AM	6,867,438	03/15/05	Maruyama et al.	257	184	
	AN	2003/0137595	07/24/03	Takachi	348	340	
	AO						
	AP						
	AQ						

## FOREIGN PATENT DOCUMENTS

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
	AR							
	AS							
	AT							

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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